

What is claimed is:

1. A system for automatically updating the revision level of programmable devices comprising:

5 a master programmable device having pulse receiving logic and a memory space operatively disposed therein; and

at least one slave programmable device having pulse generating logic operatively disposed therein, said slave programmable device coupled to said master programmable device through an interface and configured to send revision information to said master programmable device.

10 2. The system of claim 1, wherein said memory space further includes a revision register containing one or more memory locations, each said memory location corresponding to a slave programmable device.

3. The system of claim 1, wherein said revision information comprises a pulse stream corresponding to the revision level of a slave programmable device.

4. A system for collecting programmable device revision information comprising:

means for sending, by said system, a reset signal to a master programmable device and at least one slave programmable device thereby placing

all programmable devices in a known good condition;

means for sending, by said at least one slave programmable device,
revision information to said master programmable device;

means for receiving, by said master programmable device, said

5 revision information; and

means for storing, by said master programmable device, said
revision information.

5. The system of claim 4, wherein said means for storing comprises a
revision register containing one or more memory locations, each said memory
10 location corresponding to a slave programmable device.

6. The system of claim 4, wherein said revision information comprises
a pulse stream corresponding to the revision level of a slave programmable device.

7. A method for updating programmable device revision information in
a system having a master programmable device and at least one slave
15 programmable device, comprising:

resetting all devices in said system;

sending revision information from said at least one slave
programmable device to said master programmable device; and

storing said revision information on said master programmable

device.

Year	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	